

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTAJHM1624

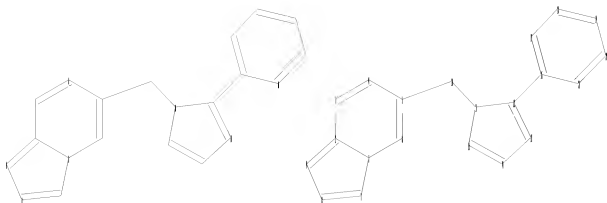
PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\*\*\*\*\* Welcome to STN International \*\*\*\*\*

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPCI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/Caplus and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	23	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	24	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	25	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	26	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	27	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	28	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS	29	JUN 25	CA/Caplus and USPAT databases updated with IPC reclassification data
NEWS	30	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS	31	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated





```

chain nodes :
10
ring nodes :
1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 17 18 19 20 21
chain bonds :
5-10 10-11 12-16
ring bonds :
1-2 1-6 1-7 2-3 2-9 3-4 4-5 5-6 7-8 8-9 11-12 11-15 12-13 13-14 14-15
16-17 16-21 17-18 18-19 19-20 20-21
exact/norm bonds :
1-2 1-6 1-7 2-3 2-9 3-4 4-5 5-6 7-8 8-9 10-11 11-12 11-15 12-13 13-14
14-15
exact bonds :
5-10 12-16
normalized bonds :
16-17 16-21 17-18 18-19 19-20 20-21

```

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom

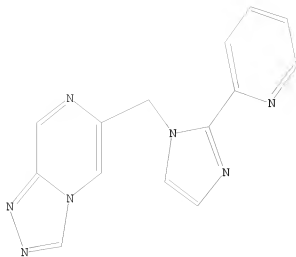
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L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 13:49:25 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 20 TO ITERATE

100.0% PROCESSED 20 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 132 TO 668

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 13:49:30 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 416 TO ITERATE

100.0% PROCESSED 416 ITERATIONS

4 ANSWERS

SEARCH TIME: 00.00.01

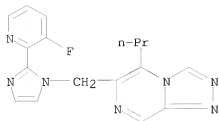
L3 4 SEA SSS FUL L1

=> d scan

L3 4 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN 1,2,4-Triazolo[4,3-a]pyrazine, 6-[[2-(3-fluoro-2-pyridinyl)-1H-imidazol-1-yl]methyl]-5-propyl-

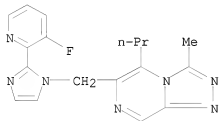
MF C17 H16 F N7



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

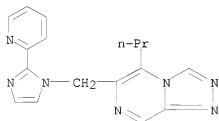
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

L3 4 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1,2,4-Triazolo[4,3-a]pyrazine, 6-([2-(3-fluoro-2-pyridinyl)-1H-imidazol-1-yl]methyl)-3-methyl-5-propyl-  
 MF C18 H18 F N7



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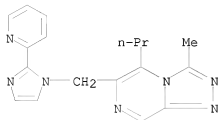
L3 4 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1,2,4-Triazolo[4,3-a]pyrazine, 5-propyl-6-([2-(2-pyridinyl)-1H-imidazol-1-yl]methyl)-3-methyl-  
 MF C17 H17 N7



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 4 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1,2,4-Triazolo[4,3-a]pyrazine, 3-methyl-5-propyl-6-([2-(2-pyridinyl)-1H-

imidazol-1-yl)methyl]-  
MF C18 H19 N7



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> file caplus  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
179.28	179.49

FILE 'CAPLUS' ENTERED AT 13:50:53 ON 08 JUL 2008  
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FILE COVERS 1907 - 8 Jul 2008 VOL 149 ISS 2  
FILE LAST UPDATED: 7 Jul 2008 (20080707/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s l3

L4 1 L3

=> d l4 ibib abs hitstr

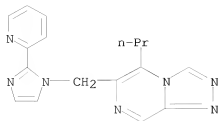
L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:1074092 CAPLUS  
 DOCUMENT NUMBER: 142:49241  
 TITLE: Substituted imidazolopyrazine and triazolopyrazine derivative GABAA receptor ligands, their preparation, pharmaceutical compositions, and therapeutic use  
 INVENTOR(S): Xu, Yuelian; Han, Bingsong; Xie, Linghong  
 PATENT ASSIGNEE(S): Neurogen Corporation, USA  
 SOURCE: PCT Int. Appl., 59 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

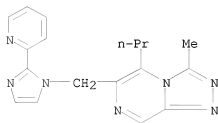
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WO 2004107863	A1	20041216	WO 2004-US13778	20040503
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2524376	A1	20041216	CA 2004-2524376	20040503
EP 1619948	A1	20060201	EP 2004-751255	20040503
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
JP 2007501272	T	20070125	JP 2006-532554	20040503
US 20060247245	A1	20061102	US 2005-554153	20051020
PRIORITY APPLN. INFO.:			US 2003-468073P	P 20030505
			WO 2004-US13778	W 20040503

OTHER SOURCE(S): MARPAT 142:49241

AB Imidazolopyrazine and triazolopyrazine derivs. (preparation described) are provided which may be used to modulate ligand binding to GABAA receptors in vivo or in vitro, and are particularly useful in the treatment of a variety of central nervous system (CNS) disorders in humans, domesticated companion animals, and livestock animals. The compds. of the invention may be administered alone or in combination with one or more other CNS agents to potentiate the effects of the other CNS agent(s). Pharmaceutical compns. and methods for treating such disorders are provided, as are methods for using such ligands for detecting GABAA receptors (e.g., receptor localization studies).  
 IT 808138-77-4P 808138-85-4P  
 RL: BUU (Biological use, unclassified); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (imidazolopyrazine and triazolopyrazine derivative GABAA receptor ligands, preparation, pharmaceutical compns., and therapeutic use)  
 RN 808138-77-4 CAPLUS  
 CN 1,2,4-Triazolo[4,3-a]pyrazine, 5-propyl-6-[[2-(2-pyridinyl)-1H-imidazol-1-yl]methyl]- (CA INDEX NAME)



RN 808138-85-4 CAPLUS  
 CN 1,2,4-Triazolo[4,3-a]pyrazine, 3-methyl-5-propyl-6-[[2-(2-pyridinyl)-1H-imidazol-1-yl]methyl]- (CA INDEX NAME)



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> log hold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	6.41	185.90
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.80	-0.80

SESSION WILL BE HELD FOR 120 MINUTES  
 STN INTERNATIONAL SESSION SUSPENDED AT 13:52:18 ON 08 JUL 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTAJHM1624

PASSWORD:

\*\*\*\*\* RECONNECTED TO STN INTERNATIONAL \*\*\*\*\*  
 SESSION RESUMED IN FILE 'CAPLUS' AT 15:42:03 ON 08 JUL 2008  
 FILE 'CAPLUS' ENTERED AT 15:42:03 ON 08 JUL 2008  
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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	6.41	185.90



DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.80	-0.80

=> file registry  
 COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
7.37	186.86

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.80	-0.80

FILE 'REGISTRY' ENTERED AT 15:43:03 ON 08 JUL 2008  
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STRUCTURE FILE UPDATES: 7 JUL 2008 HIGHEST RN 1032964-85-4  
 DICTIONARY FILE UPDATES: 7 JUL 2008 HIGHEST RN 1032964-85-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

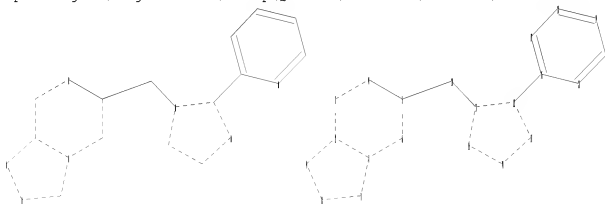
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10 series\10554153\1554153d.str



chain nodes :

10

ring nodes :

1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 17 18 19 20 21

```

chain bonds :
5-10 10-11 12-16
ring bonds :
1-2 1-6 1-7 2-3 2-9 3-4 4-5 5-6 7-8 8-9 11-12 11-15 12-13 13-14 14-15
16-17 16-21 17-18 18-19 19-20 20-21
exact/norm bonds :
1-2 1-6 1-7 2-3 2-9 3-4 4-5 5-6 7-8 8-9 10-11 11-12 11-15 12-13 13-14
14-15
exact bonds :
5-10 12-16
normalized bonds :
16-17 16-21 17-18 18-19 19-20 20-21

```

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom

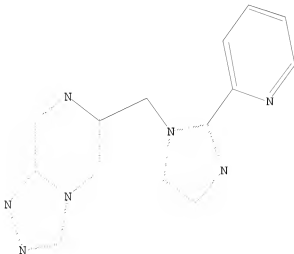
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L5 STRUCTURE UPLOADED

=> d 15

L5 HAS NO ANSWERS

L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 15

SAMPLE SEARCH INITIATED 15:43:26 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 20 TO ITERATE

100.0% PROCESSED 20 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 132 TO 668

PROJECTED ANSWERS: 0 TO 0

L6                    0 SEA SSS SAM L5

=> s l5 full

FULL SEARCH INITIATED 15:43:31 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED -        416 TO ITERATE

100.0% PROCESSED        416 ITERATIONS        4 ANSWERS  
SEARCH TIME: 00.00.01

L7                    4 SEA SSS FUL L5

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	178.36	365.22
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	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.80

FILE 'CAPLUS' ENTERED AT 15:43:37 ON 08 JUL 2008  
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FILE COVERS 1907 - 8 Jul 2008 VOL 149 ISS 2  
FILE LAST UPDATED: 7 Jul 2008 (20080707/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s l7

L8                    1 L7

=> d l8

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2004:1074092 CAPLUS  
DN 142:49241  
TI Substituted imidazolopyrazine and triazolopyrazine derivative GABAA receptor ligands, their preparation, pharmaceutical compositions, and therapeutic use  
IN Xu, Yuelian; Han, Bingsong; Xie, Linghong  
PA Neurogen Corporation, USA  
SO PCT Int. Appl., 59 pp.

CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004107863	A1	20041216	WO 2004-US13778	20040503
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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	EP 1619948	A1	20060201	EP 2004-751255	20040503
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
	JP 2007501272	T	20070125	JP 2006-532554	20040503
	US 20060247245	A1	20061102	US 2005-554153	20051020
PRAI	US 2003-468073P	P	20030505		
	WO 2004-US13778	W	20040503		
OS	MARPAT 142:49241				
RE.CNT 1	THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD				
	ALL CITATIONS AVAILABLE IN THE RE FORMAT				

=> log hold		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	1.69	366.91
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.80

SESSION WILL BE HELD FOR 120 MINUTES  
 STN INTERNATIONAL SESSION SUSPENDED AT 15:44:01 ON 08 JUL 2008  
 Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTAJHM1624

PASSWORD:

\*\*\*\*\* RECONNECTED TO STN INTERNATIONAL \*\*\*\*\*  
 SESSION RESUMED IN FILE 'CAPLUS' AT 15:45:00 ON 08 JUL 2008  
 FILE 'CAPLUS' ENTERED AT 15:45:00 ON 08 JUL 2008  
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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	1.69	366.91

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	1.69	366.91

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	0.00	-0.80

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STRUCTURE FILE UPDATES: 7 JUL 2008 HIGHEST RN 1032964-85-4  
 DICTIONARY FILE UPDATES: 7 JUL 2008 HIGHEST RN 1032964-85-4

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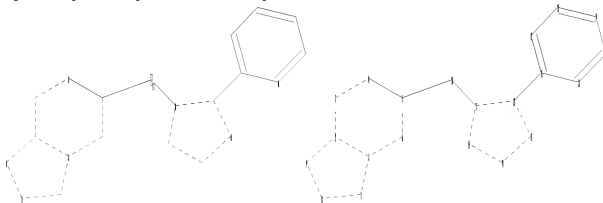
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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 Uploading C:\Program Files\Stnexp\Queries\10 series\10554153\1554153e.str



chain nodes :  
 10  
 ring nodes :  
 1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 17 18 19 20 21  
 chain bonds :

5-10 10-11 12-16  
 ring bonds :  
 1-2 1-6 1-7 2-3 2-9 3-4 4-5 5-6 7-8 8-9 11-12 11-15 12-13 13-14 14-15  
 16-17 16-21 17-18 18-19 19-20 20-21  
 exact/norm bonds :  
 1-2 1-6 1-7 2-3 2-9 3-4 4-5 5-6 7-8 8-9 10-11 11-12 11-15 12-13 13-14  
 14-15  
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 5-10 12-16  
 normalized bonds :  
 16-17 16-21 17-18 18-19 19-20 20-21

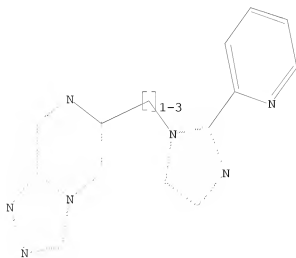
Match level :  
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 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom  
 20:Atom 21:Atom

L9 STRUCTURE UPLOADED

=> d 19

L9 HAS NO ANSWERS

L9 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 19 full

FULL SEARCH INITIATED 15:45:34 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 12 TO ITERATE

100.0% PROCESSED 12 ITERATIONS

4 ANSWERS

SEARCH TIME: 00.00.01

L10

4 SEA SSS FUL L9

=> log hold

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST	178.36	545.27
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.80

SESSION WILL BE HELD FOR 120 MINUTES  
 STN INTERNATIONAL SESSION SUSPENDED AT 15:45:45 ON 08 JUL 2008